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Personnel Transfer

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Scope of Presentation

- Project Overview
- Problems/Obstacles
- Solutions Being Investigated
- Work to be Done
- Conclusions

Project Overview
What is to be done?

- **Study the problems/issues of at-sea personnel transfer**
- **Study current military and maritime industry practices**
- **Determine solutions that are:**
  - **Safe**
  - **Efficient**
  - **Cost Effective**

Project Overview How will it be done?

- Interviews with responsible parties from a variety of military and industrial organizations
- Determine applicability of current practices/systems to use in JLOTS operations
- Develop equipment and procedural recommendations for different vessels involved

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Problems/Obstacles

- Relative Motion
  - ± 10 feet of heave possible for lighters
  - Lighter sway motions hazardous to the crew

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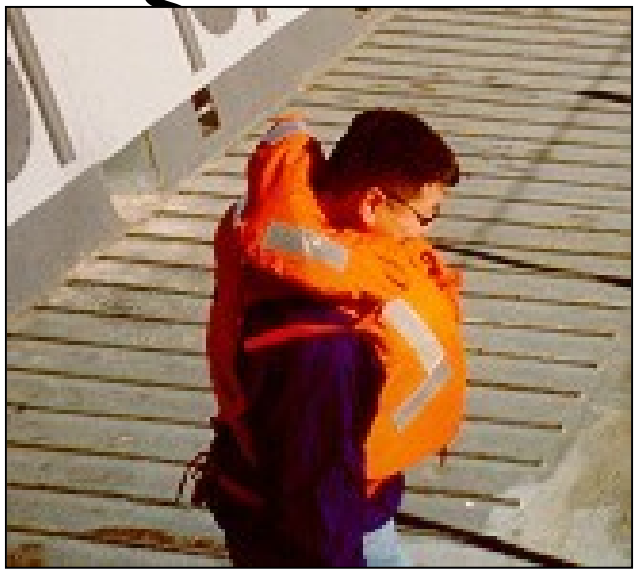
Problems/Obstacles



- Current Equipment
  - Bulky Flotation Jackets for boat passengers
  - Accommodation and Jacob Ladders
- Current Procedures
  - Lack of Common Procedures

Solutions Being Investigated

- Standoff mooring for small craft
  - Help diminish lighter moti problems

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Solutions Being Investigated

- New Flotation Vests
  - Stearns Type III
  - Inexpensive ≈ $

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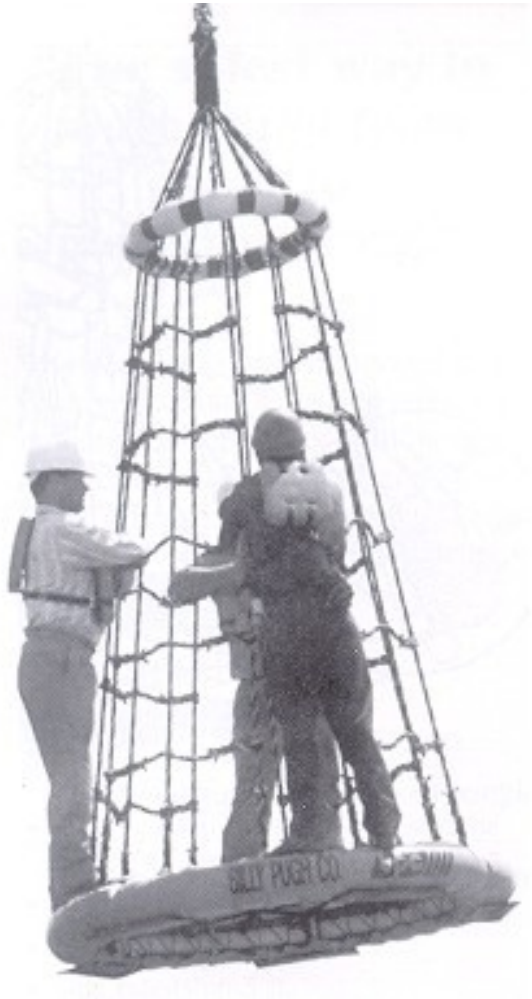
Solutions Being Investigated

- "Billy Pugh" Personne
  Nets for ships wit
  cranes
  - Require little effort on
    part of the cre
  - Low cost ≈ $1500



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Work to be Done

- Investigating further options
- Determining which options are applicable to which vessels
- Prepare a report of findings and recommendations

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Conclusions

- Current practices found throughout various maritime industries are applicable
- Common procedures needed
- Available equipment is useful and affordable